

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073301.D
 Acq On : 01 Jul 2022 16:50
 Operator : JC\MD
 Sample : N3569-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 152140-SPC-05-60

Quant Time: Jul 04 05:06:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

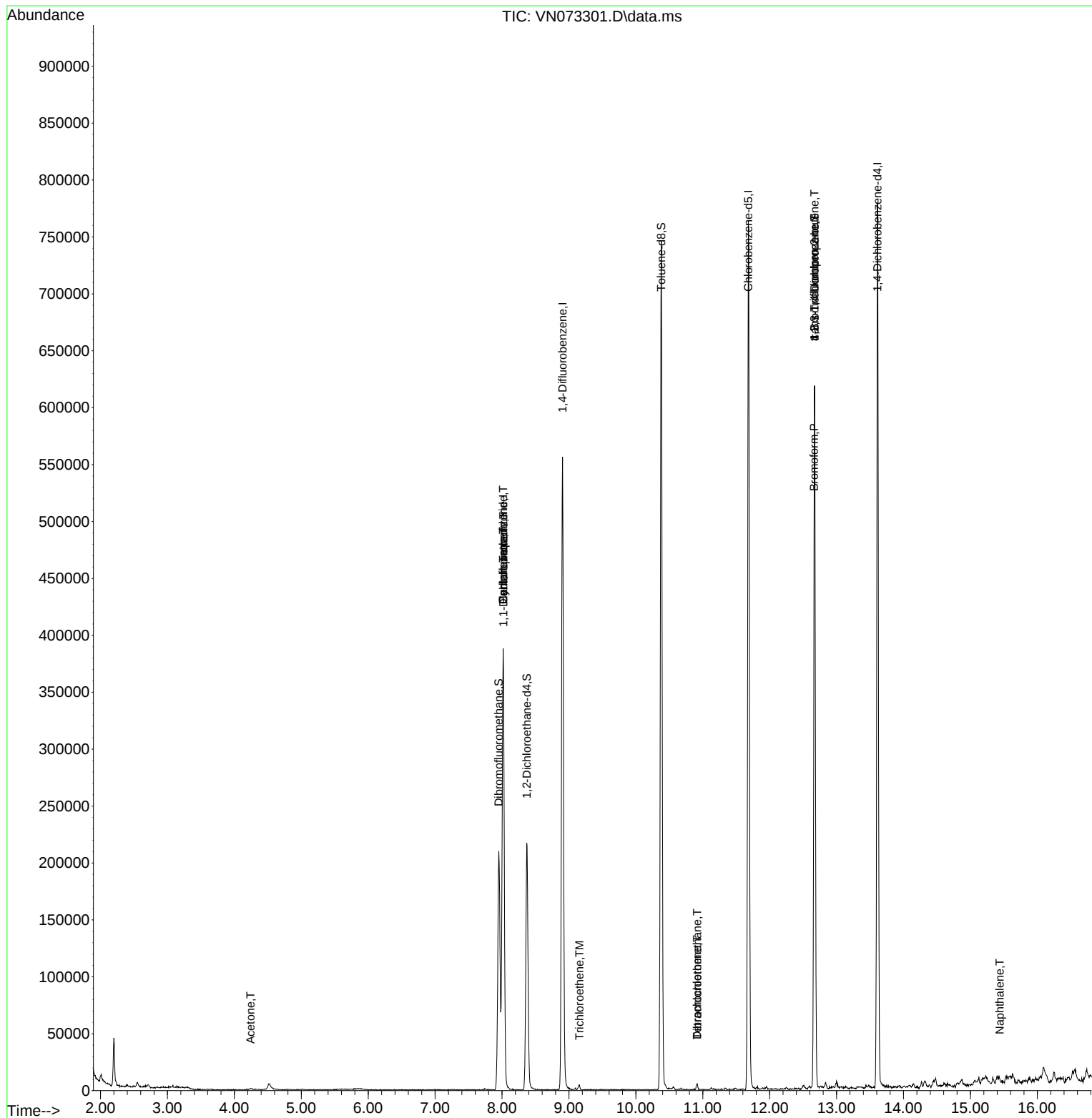
Internal Standards						
1) Pentafluorobenzene	8.016	168	291023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	487488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	441843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	181425	43.184	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.360%		
35) Dibromofluoromethane	7.951	113	154414	47.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.220%		
50) Toluene-d8	10.381	98	506232	43.947	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.900%		
62) 4-Bromofluorobenzene	12.669	95	217097	49.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.080%		
Target Compounds					Qvalue	
16) Acetone	4.240	43	2274	0.964	ug/l	94
31) Cyclohexane	8.016	56	6376	0.927	ug/l #	37
36) 1,1-Dichloropropene	8.022	75	24258	4.861	ug/l #	49
38) Carbon Tetrachloride	8.016	117	29226	5.663	ug/l #	16
44) Trichloroethene	9.157	130	1748	0.446	ug/l	72
60) Dibromochloromethane	10.916	129	1277	0.342	ug/l #	11
64) Tetrachloroethene	10.916	164	979	0.271	ug/l #	72
71) Bromoform	12.663	173	1341	0.499	ug/l #	1
76) 1,2,3-Trichloropropane	12.669	75	110734	20.530	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.669	75	110734	56.304	ug/l #	10
95) Naphthalene	15.439	128	7233	0.455	ug/l	100

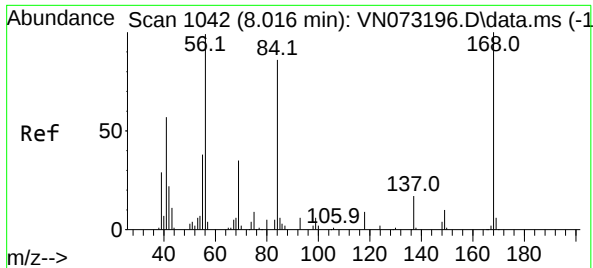
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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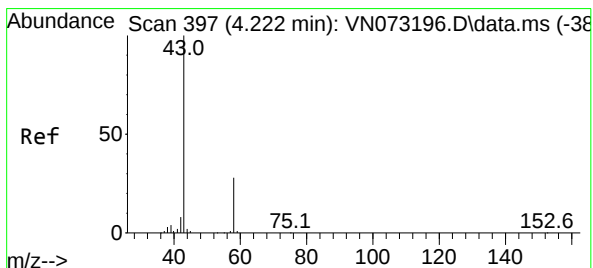
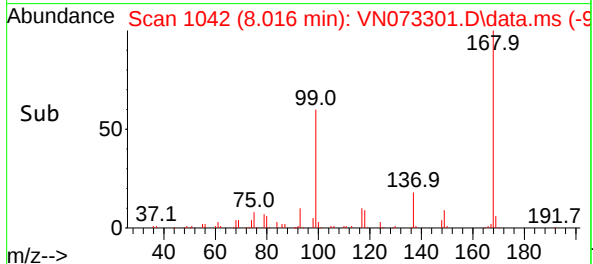
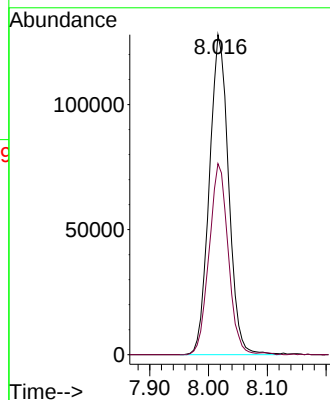
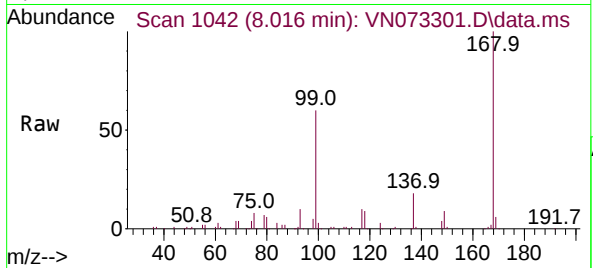




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

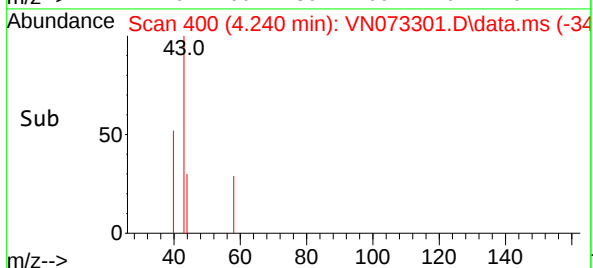
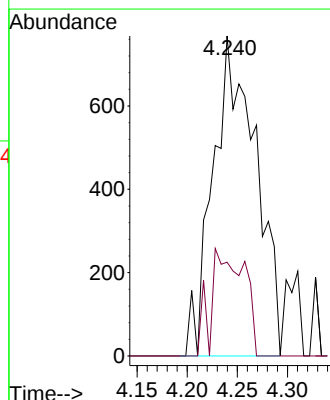
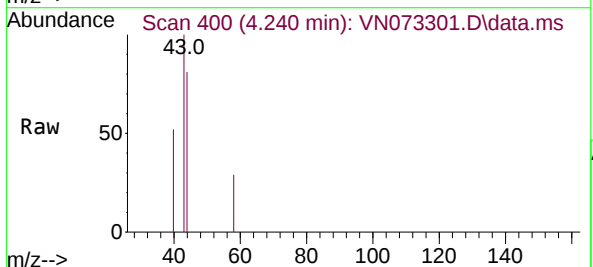
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-60

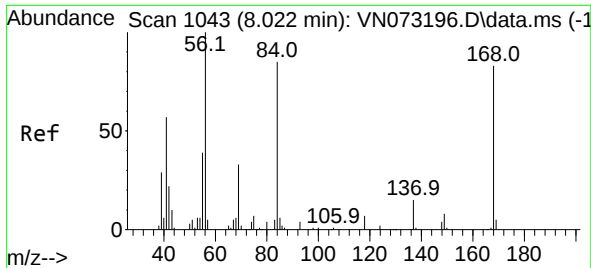
Tgt Ion:168 Resp: 291023
Ion Ratio Lower Upper
168 100
99 59.7 42.3 63.5



#16
Acetone
Concen: 0.964 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

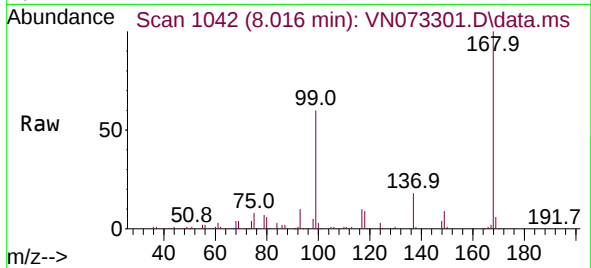
Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
58 29.3 26.0 39.0



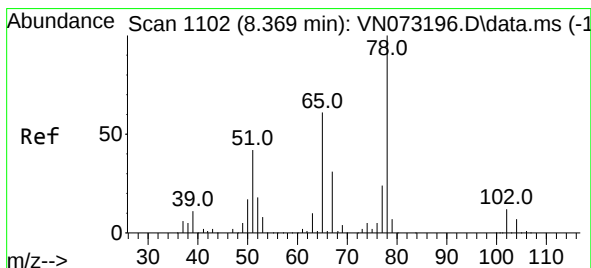
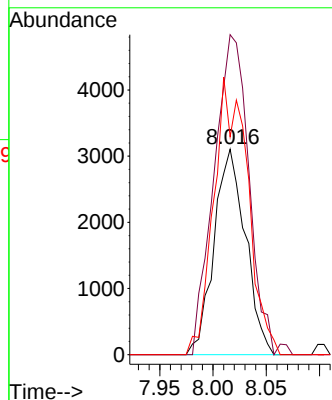
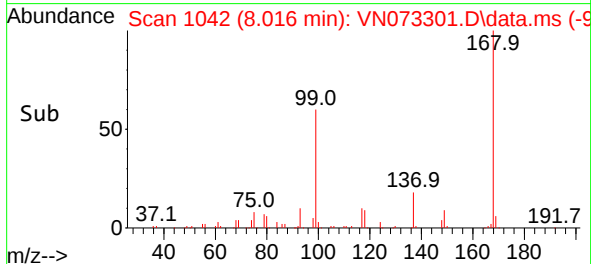


#31
Cyclohexane
Concen: 0.927 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-60

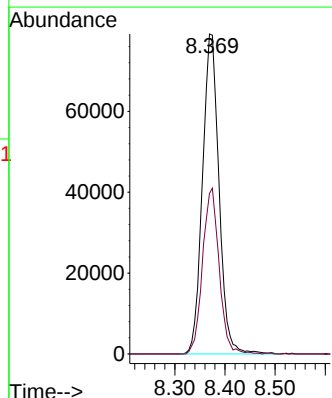
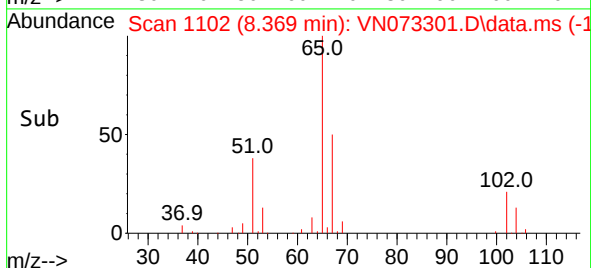
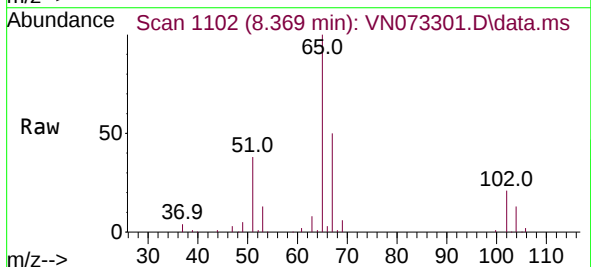


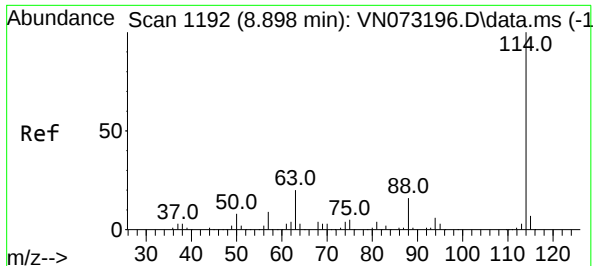
Tgt Ion: 56 Resp: 6376
Ion Ratio Lower Upper
56 100
69 155.7 27.8 41.8#
84 106.1 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 43.184 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

Tgt Ion: 65 Resp: 181425
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073301.D

Acq: 01 Jul 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-05-60

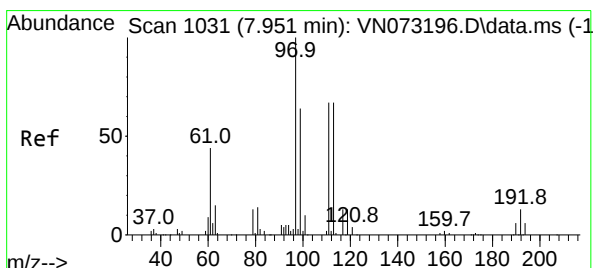
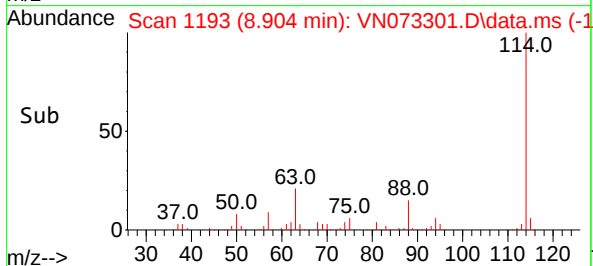
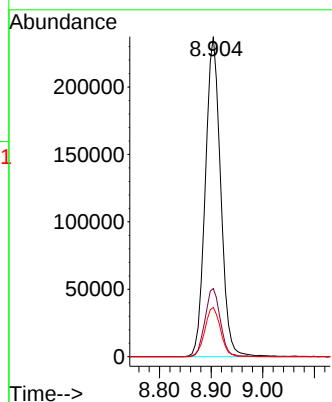
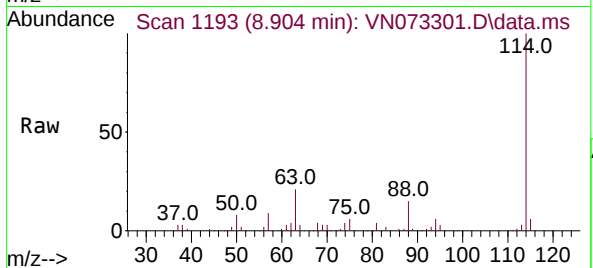
Tgt Ion:114 Resp: 487488

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.610 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073301.D

Acq: 01 Jul 2022 16:50

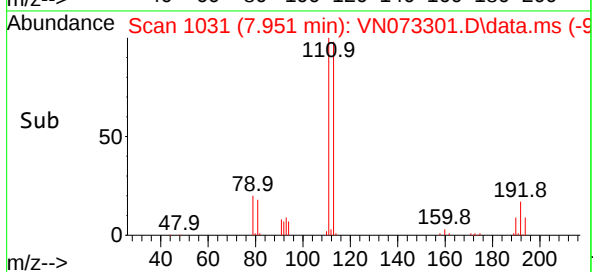
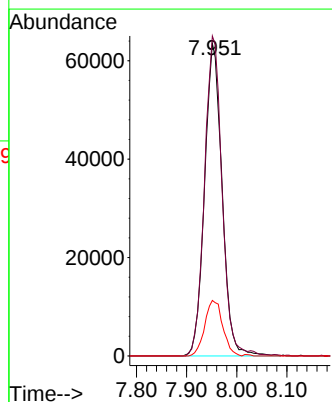
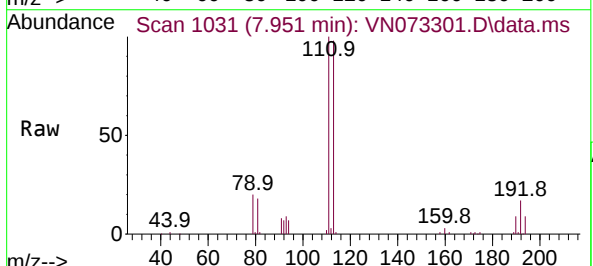
Tgt Ion:113 Resp: 154414

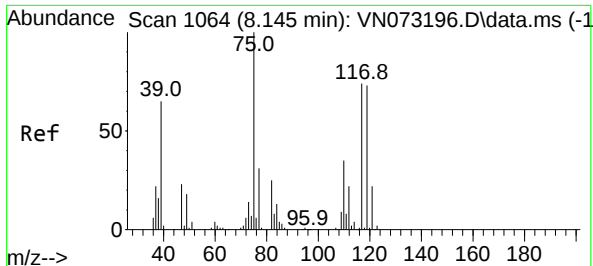
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.861 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.123 min

Lab File: VN073301.D

Acq: 01 Jul 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-05-60

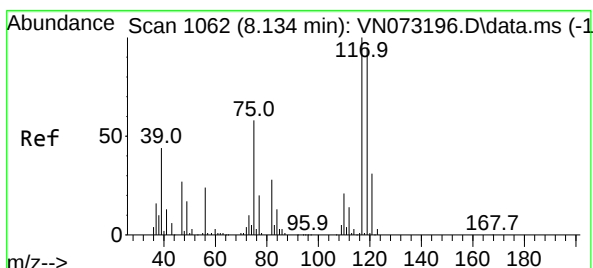
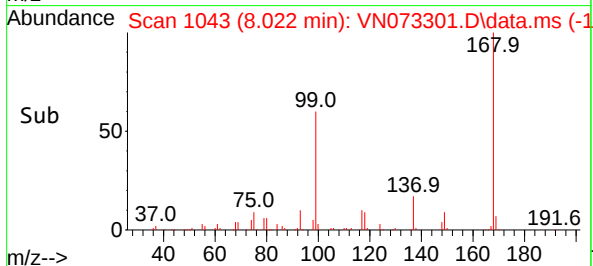
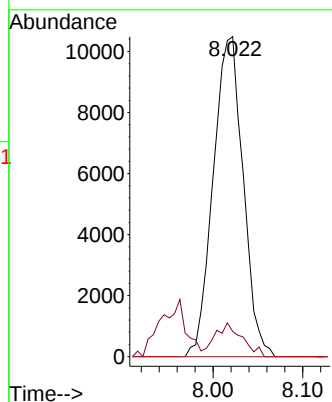
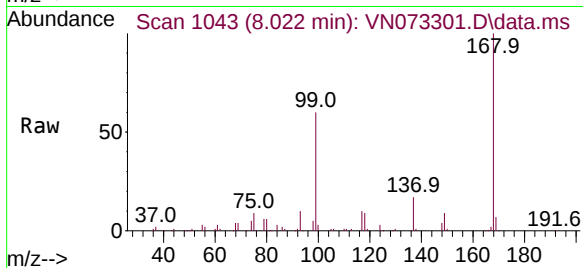
Tgt Ion: 75 Resp: 24258

Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.663 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.118 min

Lab File: VN073301.D

Acq: 01 Jul 2022 16:50

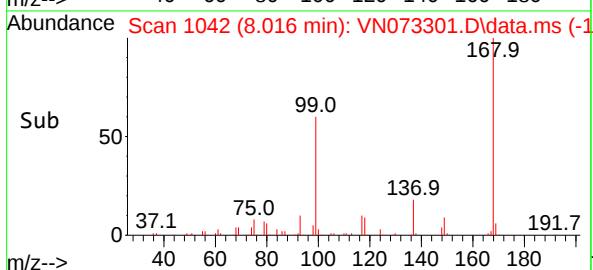
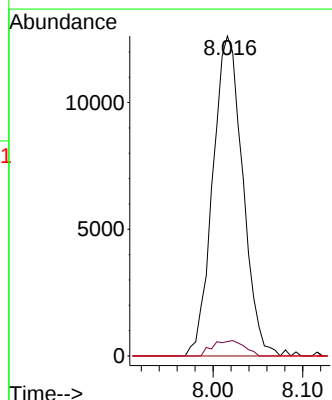
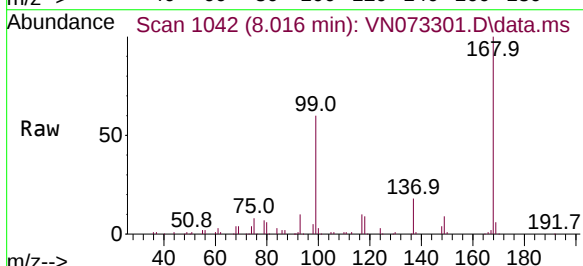
Tgt Ion: 117 Resp: 29226

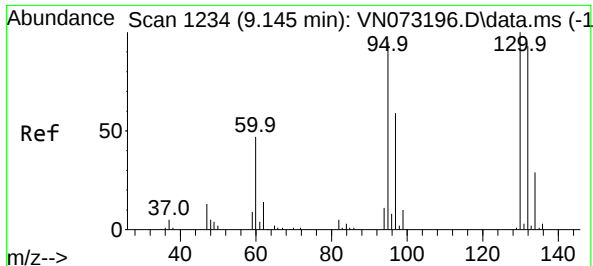
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.8#

121 0.0 24.6 37.0#

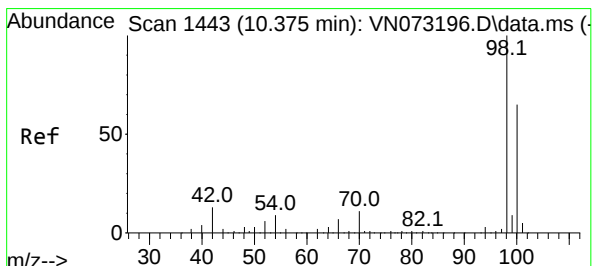
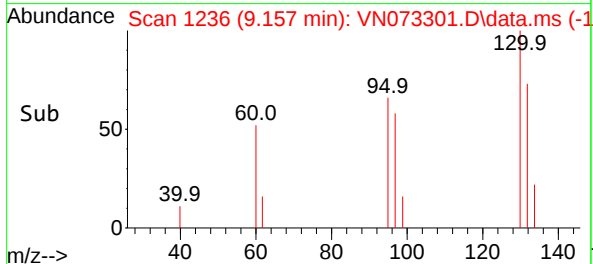
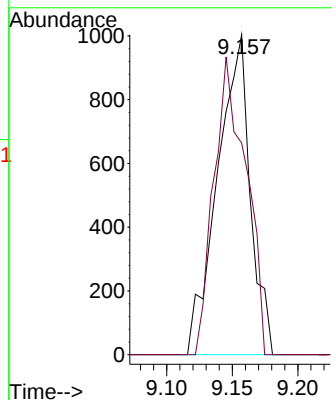
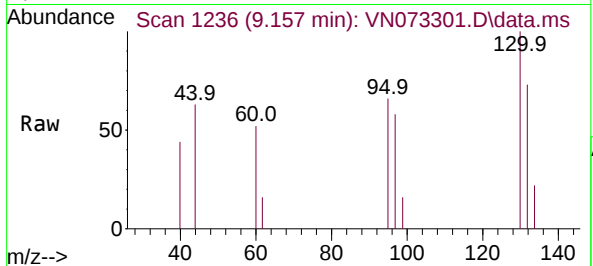




#44
Trichloroethene
Concen: 0.446 ug/l
RT: 9.157 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

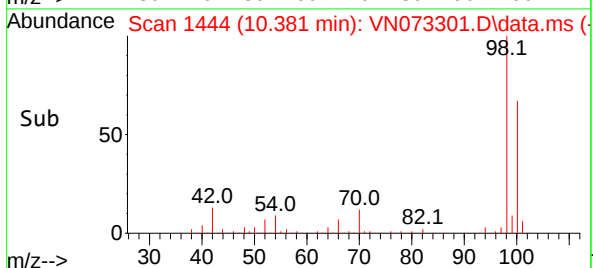
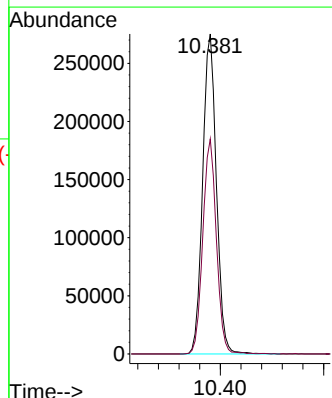
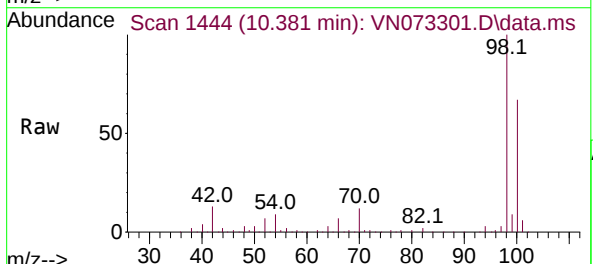
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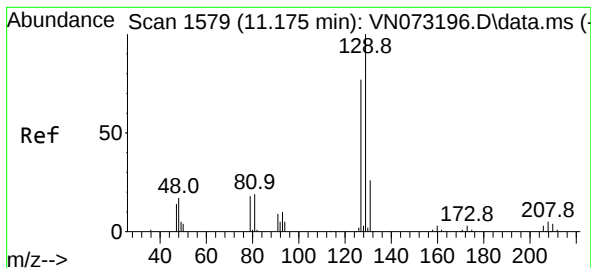
Tgt Ion:130 Resp: 1748
Ion Ratio Lower Upper
130 100
95 66.1 0.0 186.8



#50
Toluene-d8
Concen: 43.947 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

Tgt Ion: 98 Resp: 506232
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8

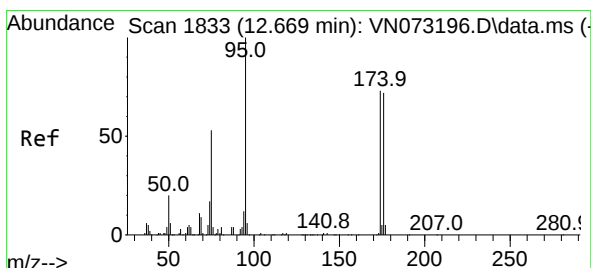
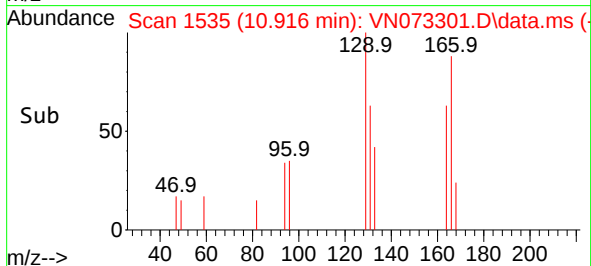
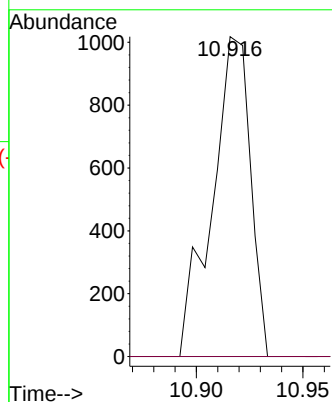
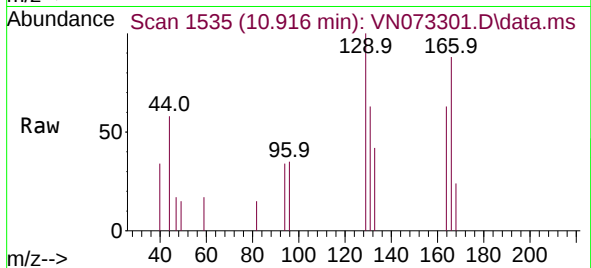




#60
Dibromochloromethane
Concen: 0.342 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

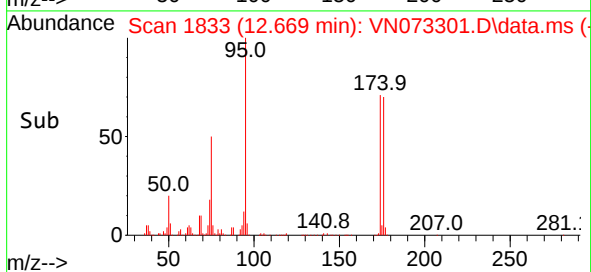
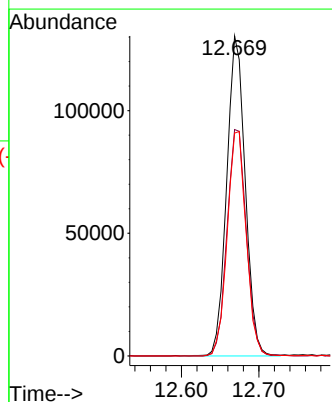
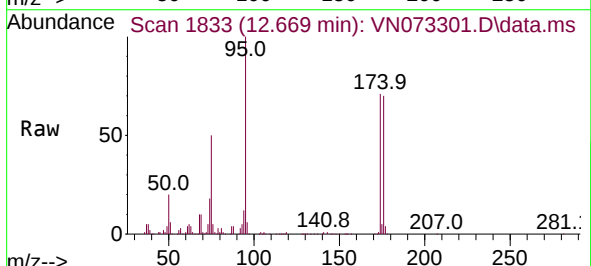
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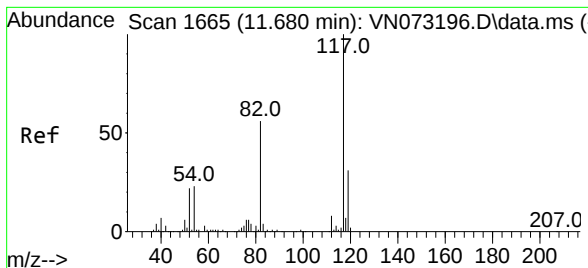
Tgt Ion:129 Resp: 1277
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

Tgt Ion: 95 Resp: 217097
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 71.6 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073301.D

Acq: 01 Jul 2022 16:50

Instrument :

MSVOA_N

ClientSampleId :

152140-SPC-05-60

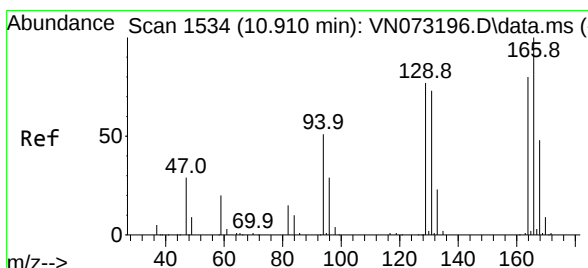
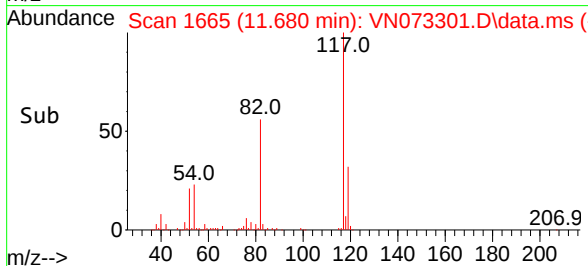
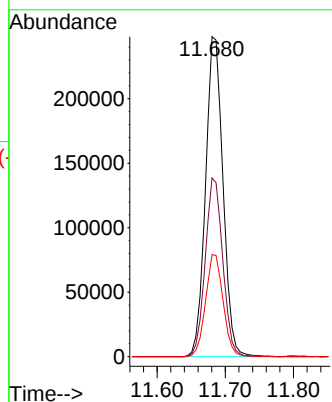
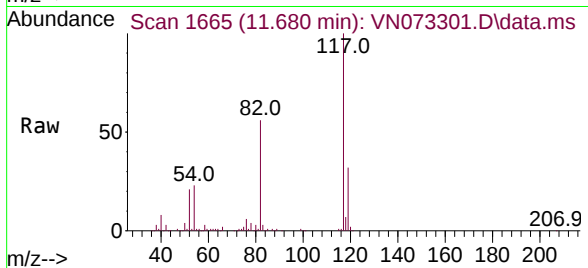
Tgt Ion:117 Resp: 441843

Ion Ratio Lower Upper

117 100

82 55.9 44.2 66.2

119 31.9 25.4 38.0



#64

Tetrachloroethene

Concen: 0.271 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073301.D

Acq: 01 Jul 2022 16:50

Tgt Ion:164 Resp: 979

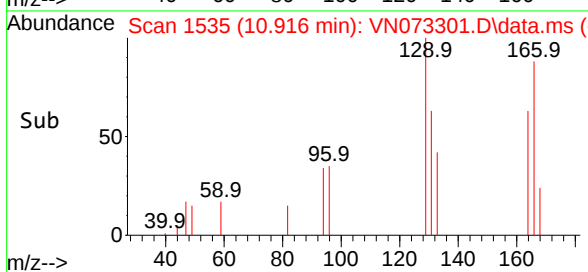
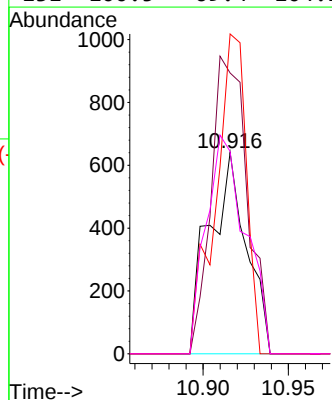
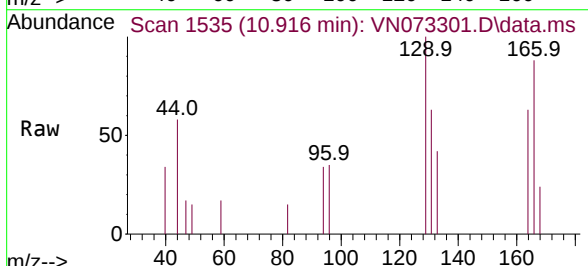
Ion Ratio Lower Upper

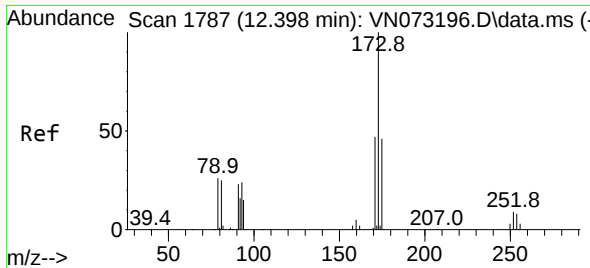
164 100

166 139.5 104.2 156.2

129 158.8 73.9 110.9#

131 100.5 69.4 104.2

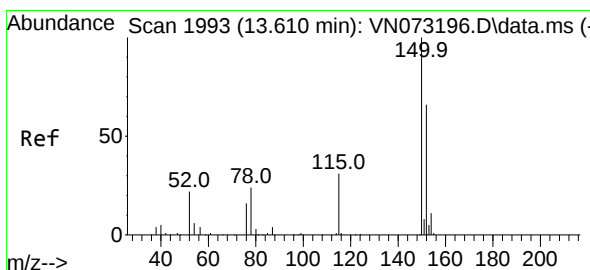
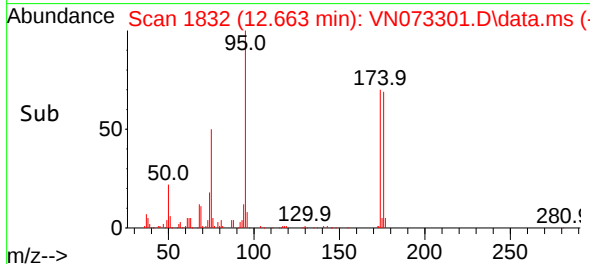
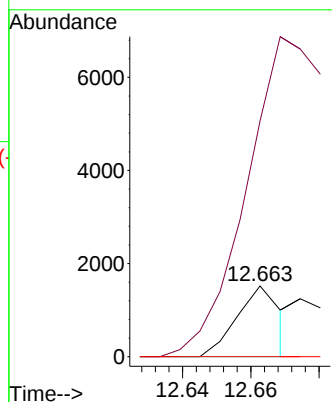
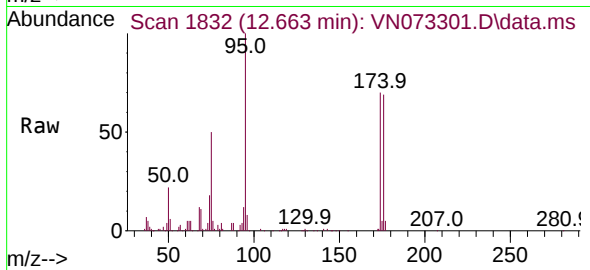




#71
Bromoform
Concen: 0.499 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

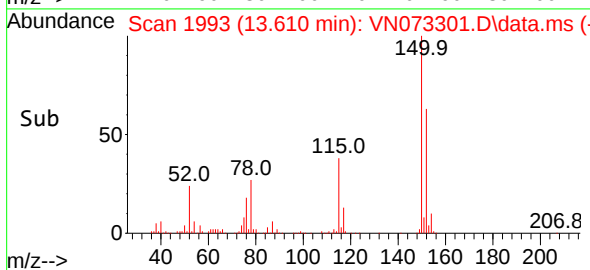
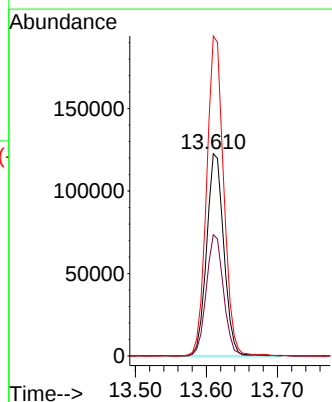
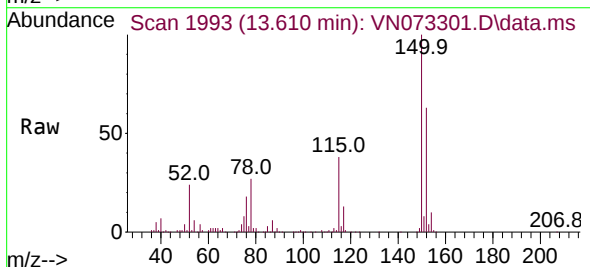
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-60

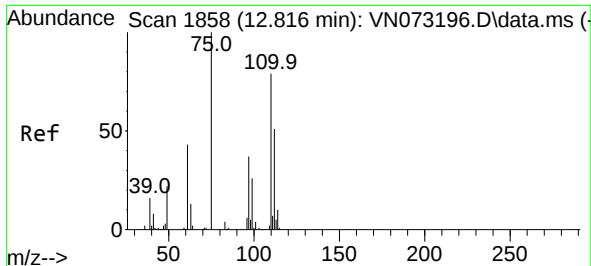
Tgt Ion:173 Resp: 1341
Ion Ratio Lower Upper
173 100
175 620.7 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

Tgt Ion:152 Resp: 206274
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.7
150 157.0 0.0 356.2

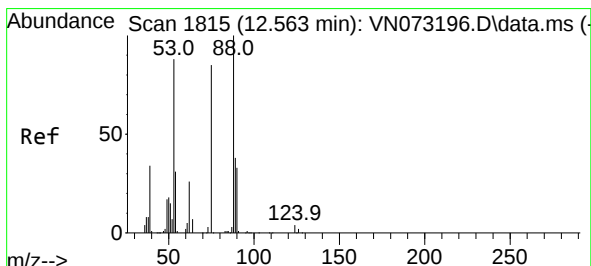
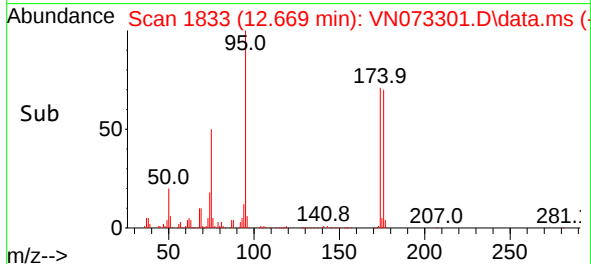
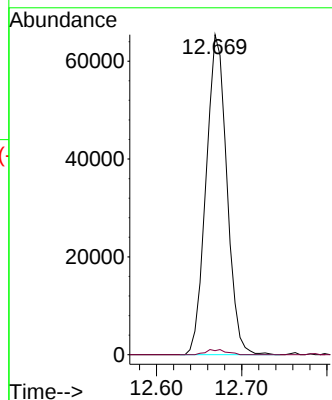
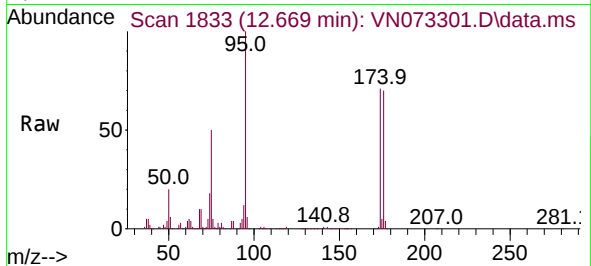




#76
1,2,3-Trichloropropane
Concen: 20.530 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

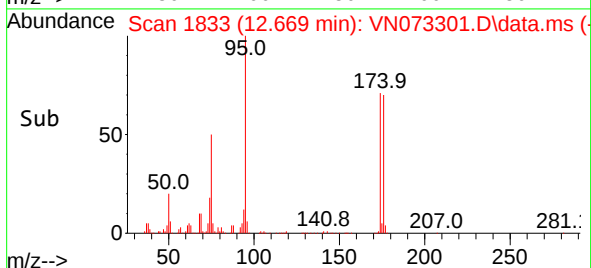
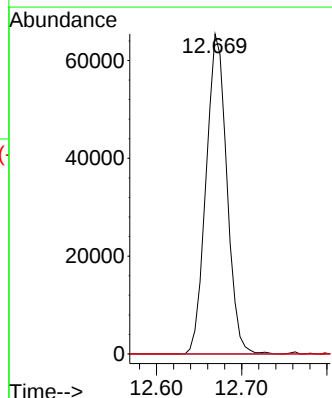
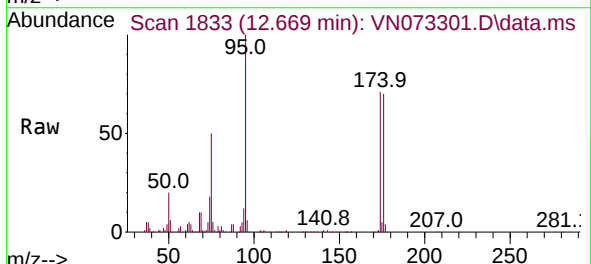
Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-60

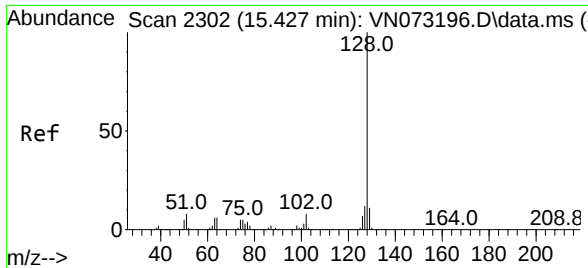
Tgt Ion: 75 Resp: 110734
Ion Ratio Lower Upper
75 100
77 1.5 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.304 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

Tgt Ion: 75 Resp: 110734
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 0.455 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN073301.D
Acq: 01 Jul 2022 16:50

Instrument :
MSVOA_N
ClientSampleId :
152140-SPC-05-60

Tgt Ion:	128	Resp:	7233
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.7	8.6	13.0

